



UNITED STATES MARINE CORPS

MARINE CORPS BASES JAPAN
CAMP SMEDLEY D. BUTLER, OKINAWA
UNIT 35001
FPO AP 96373-5001

MCBJO P3000.1C Ch 1
G-3

24 DEC 2002

MARINE CORPS BASES JAPAN ORDER P3000.1C Ch 1

From: Commander, Marine Corps Bases Japan
To: Distribution List

Subj: STANDING OPERATING PROCEDURES FOR DESTRUCTIVE WEATHER (SHORT
TITLE: SOP FOR DESTRUCTIVE WEATHER)


1. Purpose. To direct pen changes to the basic Order.

2. Action

- (a) Page 1-4, paragraph 1002.1, line three change 1 July to read 1 June.
- (b) Page 2-1, Chapter 2, first line change June to read May.
- (c) Page 2-1, Chapter 2, second line change July to read June.
- (d) Page 2-2, paragraph 2000, change June to read May.
- (e) Page 2-2, paragraph 2001, first and second lines change July to read June.
- (f) Page 2-3, paragraph 2002, fifth line change 30 June to read 31 May.
- (g) Page 2-3, paragraph 2002, sixth line change July to read June.
- (h) Page 2-12, paragraph 2009, third line change July to read June.
- (i) Page 1-4, paragraph 1002.6, change to read "Actual winds of 50 kts or greater are occurring."
- (j) Page 1-5, paragraph 1003.3, third line change to read Tropical Storm.

3. Summary of Changes. The changes are made to reflect change to typhoon season.

4. Filing Instructions. File this change transmittal immediately behind the signature page of the basic Order.


K. D. DUNN
Chief of Staff

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MARCORBASESJAPANO P3000.1C

G-3

13 AUG 2001

MARINE CORPS BASES JAPAN ORDER P3000.1C

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Subj: STANDING OPERATING PROCEDURES FOR DESTRUCTIVE WEATHER
(SHORT TITLE: SOP FOR DESTRUCTIVE WEATHER)

Ref: (a) USFJ INST 32-1
(b) MARCORBASESJAPANBul 3000

Encl: (1) LOCATOR SHEET

Reports Required: I. Damage Control Report, par 2009
II. Aircraft Status Report, par 7003

1. Situation. To promulgate instructions for destructive weather. This Manual is meant to negate the requirements for individual commands/camps to publish separate natural disaster directives.

2. Cancellation. MARCORBASESJAPANO P3000.1B.

3. Mission. The concept for area damage control operations provides for centralized control and coordination and decentralized execution.

4. Execution. Commanders and appropriate staff officers take action as applicable. Submit recommended changes to the Assistant Chief of Staff, G-3, (Marine Corps Base, Camp Smedley D. Butler).

5. Administration and Logistics. The Commanding General, Marine Corps Base, Camp Smedley D. Butler, is the overall coordinator. Camp/Station Commanders are responsible for their respective facilities and installations and report to the Commanding General, Marine Corps Base, Camp Smedley D. Butler. The III MEF major commands remain responsible for

their command organizations and preparations for natural disasters as outlined in this Order. Camp/Station Commanders are authorized direct liaison with III MEF elements and other tenant units for coordination, liaison, support/requirements and notifications as outlined in this Manual.

6. Command and Signal

a. Command. This manual is applicable to III MEF and its subordinate commands.

b. Signal. This manual is effective the date signed.



K. D. DUNN
Chief of Staff

Distribution: List B

Copy to: MCB LISTS II/IV/VI
III MEF LIST I
18th Wing, Kadena AB
CDR 10th ASG Torii Station
COMFLEACT, Okinawa
U.S. Naval Hospital, Okinawa
U.S. Naval Dental Center
OWAX
MAG-12
MAG-36
18th Operations Support Squadron,
Weather Flight 18th OSS, FW

LOCATOR SHEET

Subj: STANDING OPERATING PROCEDURES FOR NATURAL DISASTERS (SHORT
TITLE: SOP FOR NATURAL DISASTERS)

Location: _____
(Indicate location(s) of copy(ies) of this Manual.)

SOP FOR DESTRUCTIVE WEATHER
RECORD OF CHANGES

Log completed change action as indicated.

Change Number	Date of Change	Date Entered	Signature of Person Incorporated Change

SOP FOR DESTRUCTIVE WEATHER

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SOP FOR DESTRUCTIVE WEATHER

CHAPTER 1

DEFINITIONS

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SOP FOR DESTRUCTIVE WEATHER

CHAPTER 1

DEFINITIONS

1000.

ABBREVIATIONS

AFRTS	Armed Forces Radio and Television Network
ATA	Actual Time of Arrival
BDCOC	Base Damage Command Operations Center
BWOOD	Base/Wing Officer of the Day
BX	Base Exchange
CDCC	Camp Damage Control Center
CDCOC	Camp/Station Damage Command Operations Center
CFAO	Commander, Fleet Activities Okinawa
COC	Command Operations Center
DCC	Damage Control Center
DCO	Damage Control Officer
DEC	Third Marine Division Emergency Command
ESCC	Evacuation Sector Control Center
F/P	Fire Protection
Hz	Hertz
IFR	Instrument Flight Rules
JECC-O	Joint Emergency Coordination Center-Okinawa
KW	Kilowatt
Kts	Knots
MARS	Marine Affiliate Radio Station
MCERN	Marine Corps Emergency Radio Network
MOC	Maintenance Operations Center
MRE	Meal Ready to Eat
NCS	Network Control Station
NM	Nautical Miles
NOTAM	Notice to Airmen
OAC	Okinawa Area Coordinator
OEPC	Okinawa Electric Power Company
Opr	Operator
PPR	Prior Permission Required
PX	Post Exchange
SDCC	Station Damage Control Center
SW	Storm Watch
TACAN	Tactical Air Navigation System
TASS	Tactical Automatic Switching System
TCC	Tropical Cyclone Condition
Trl	Trailer
TWO	Typhoon Watch Officer
TCCOR	Tropical Cyclone Condition of Readiness
VMC/IMC	Visual/Instrument Meteorological Conditions

1001. DEFINITIONS

1. Destructive Weather. Any act of nature that produces injury, death, disease, property damage or loss, or interruption of essential services.
2. Cyclone. A closed atmospheric circulation rotating about an area of low pressure (counterclockwise) in Northern Hemisphere).
3. Tropical Cyclone. A non-frontal low pressure system developing over tropical or sub-tropical waters and having definite organized circulation.
4. Tropical Depression. A tropical cyclone in which the maximum sustained surface wind (one minute mean) is: 33 kts or less.
5. Tropical Storm. A warm core tropical cyclone in which the maximum sustained surface wind (one minute mean) ranges from 34 to 63 kts.
6. Typhoon. A warm core tropical cyclone in which the maximum sustained surface wind (one minute mean) ranges from 64 to 129 kts.
7. Super Typhoon. A typhoon in which the maximum sustained surface wind (one minute mean) is 130 kts or greater.
8. Maximum Sustained Surface Wind. Highest surface wind speed of a tropical cyclone averaged over a one-minute period. (Note: Sudden temporary gusts may be of substantially greater velocity, e.g., maximum sustained winds of 60 kts may include gusts of 85 kts).
9. Destructive Wind. Any tropical cyclone surface wind of 50 kts or greater (this includes gusts of 50 kts or greater).
10. Flood. The inundation of areas not normally submerged caused by heavy rain or abnormal tides.
11. Landslides. The sliding of a mass of rocks/earth down a mountain side, caused by heavy rains or earthquakes.
12. Tidal Wave (Tsunami). A large wave caused by high wind or earthquakes.
13. Red Area. Those areas that are between sea level and 30 feet above sea level.

14. Yellow Area. Those areas that are between 31 and 100 feet above sea level.

15. Green Area. Those areas that are 101 feet above sea level or greater.

1002. TROPICAL CYCLONE CONDITION OF READINESS (TCCOR). To provide a basis for preparation and decision, the following TCCOR are used (Note: All wind speeds shown include gusts. The wind speeds shown below serve as a guide for decision making. As outlined in ref (a) the final decision rests with the Commander, 18th Wing based on wind speed, weather forecast, safety, operational and mission concerns.)

1. TCCOR-IV. Destructive winds of 50 kts or greater are possible within 72 hours. TCCOR-IV will be continuously in effect as a minimum condition of readiness from 1 ~~July~~ ^{June} to 30 November annually.

2. TCCOR-III. Destructive winds of 50 kts or greater are possible within 48 hours.

3. TCCOR-II. Destructive winds of 50 kts or greater are anticipated within 24 hours.

4. TCCOR-I. Destructive winds of 50 kts or greater are anticipated within 12 hours.

5. TCCOR-IC. Destructive winds of 50 kts or greater are anticipated. Observed winds are 34-49 kts.

6. TCCOR-IE. Actual winds of 50 kts or greater, *are occurring.*

7. TCCOR-IR. Destructive winds of 50 kts are no longer occurring. Actual winds are 34-49 kts.

8. TCCOR-SW. There is still a possibility of danger to personnel due to storm unpredictability, or from hazards created by previous high winds.

9. TCCOR-All Clear. Hazardous conditions and winds are no longer present. Return to normal duties.

1003. BACKGROUND AND DESCRIPTION

1. Typhoons rank among nature's most spectacular displays of energy. Even with today's nuclear technology, energy released within the storm's area of influence far exceeds man's ability to duplicate. Examples of this ferocious energy have been recorded rainfall of 1.32 inches within a ten-minute period and wind speeds in excess of 200 kts.

2. Typhoon, the northwestern Pacific name for a tropical cyclone, has a normal lifespan of nine days. Typhoons vary in size, intensity of wind speed and amount of rainfall. They move at an average forward speed of 10 to 15 kts, and travel a distance averaging 2,700 nautical miles. The direction of movement is often difficult to predict, however typhoons generally originate near the equator traveling in a westerly to northwesterly track. A typhoon's trajectory is dependent on the time of year, its distance from the equator and climate. Typhoons will deteriorate while moving over terrain due to friction and lack of moisture. The dynamics inside a typhoon are as complex as the trajectory it travels. As wind strength increases, air spirals counterclockwise into the center of the typhoon where it is shot skyward. The center itself is normally an area of light breeze and clear weather. The rotating wind field creates an area resembling a whirlpool rotating counterclockwise where air motion in the center is forced downward, thereby suppressing cloud development. This central area, the "eye", can cover up to 10,000 square miles. Over water this area induces an up swelling effect and the wind velocity creates a storm surge radiating outward from the "eye."

3. An average of 21 such storms of tropical origin occur yearly in the northwestern Pacific. The typhoon season in this region is from April to November with the possibility of Okinawa being struck by a ~~typhoon~~ of Tropical storm destructive strength (48 kts sustained/gusts to 55 kts) during the period of July through September. Previous storm tracks reveal conditions favorable for tropical storm influence on Okinawa from June through October with as many as five typhoons passing near the island.

SOP FOR DESTRUCTIVE WEATHER

CHAPTER 2

TROPICAL CYCLONE CHECKLIST

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SOP FOR DESTRUCTIVE WEATHER

CHAPTER 2

TROPICAL CYCLONE CHECKLIST

2000. PRE-TYPHOON SEASON (DECEMBER THROUGH ^{May}~~JUNE~~)

1. AC/S, G-3, MCB, Camp Smedley D. Butler. During May, conduct one tropical cyclone drill to activate the damage control organization outlined in Chapter 3. This will include the mustering and briefing of damage control personnel. In the event of an out-of-season typhoon threat, provide alternative planning guidance to the Commanding General, Chief of Staff and appropriate Staff Sections.
2. Camp/Station Commanders. Task tenant commands to designate personnel for all typhoon watch teams, as well as equipment operators. Update information monthly.
3. Tenant Units. Provide names of personnel to the Camp Commander for damage control functions upon request.
4. Destructive Weather Rations. Destructive weather rations will be requested, issued and returned in accordance with Appendix A.

2001. TCCOR IV (^{June}~~JULY~~ THROUGH NOVEMBER). This will be in effect as a minimum condition of readiness, from 1 ^{June}~~July~~ to 30 November annually. As the threat of a tropical cyclone becomes greater, Camp Commanders will progressively prepare their facilities against storm damage.

1. MCB, Camp Smedley D. Butler Staff Section

a. AC/S, G-3

- (1) Be prepared to execute all phases of this Order.
- (2) Maintain and update the tropical cyclone map.

b. AC/S, G-1. Designate five Officers and five Staff Noncommissioned Officers (SNCOS) as typhoon Watch Officers/SNCOS (three primary and two alternate each). Submit names to AC/S, G-3 no later than 15 May.

c. Adjutant. Publish names of watch personnel as enclosure (3) of BBul 1601 Monthly Command Duty Section Assignments prior to and during the typhoon season of 1 June to 30 November annually. Typhoon watch personnel will be exempt from other after hours duty assignments from 1 June to 30 November while on stand-by status.

d. AC/S, G-4

(1) Secure outside gear once TCCOR II is set, i.e. trash cans and newspaper stands, general officer flags, etc.

(2) Provide sandbags to secure hatches and prevent flooding in basement of Building 1, Camp Foster.

(3) Publish annual BBul (reference c) that identifies support requirements (personnel and equipment) by camp.

e. AC/S, Fac Maint. See Chapter 6 of this Order.

f. AC/S, G-6. See para 3009 of this Order.

2. Camp/Station Commanders. Be prepared to execute all phases of this Order.

3. Tenant Units. Be prepared to execute all phases of this Order.

2002. TCCOR-III. Activities aboard military installations will continue without interruption. As the threat of a tropical cyclone becomes greater, service commanders will progressively prepare their facilities against potential storm damage. If a storm begins to move away while Okinawa is in TCCOR-III, then a return to either ALL CLEAR (1 December through ~~30 June~~) or TCCOR IV (1 ~~July~~ through 30 November) will be declared. *31 May*

1. BWOOD (after working hours); Base AC/S, G-3 (during working hours)

a. Upon receipt of a TCCOR-III alert from Kadena Base Weather, log the information into the Tropical Cyclone Information Release Log in Figure 2-1 (Note: Only the Commander, 18th Wing, Kadena Air Base can set the TCCOR)

b. Notify Key Personnel/Camp/Station Commanders in the sequence listed in Figure 2-2.

c. Plot the typhoon location on the Tropical Cyclone Progress Chart (Figure 2-3).

d. Release Operational Immediate message to MARCORBASESJAPAN with the tropical typhoon condition established (Figure 2-4).

e. Log all significant events in the BWOOD Logbook.

2. Camp/Station Commanders

a. Notify tenant units of TCCOR-III.

b. Organize and prepare to activate the Camp/Station Damage Control Operations Center (CDCOC) to receive and forward up-to-date information. Conduct CDCOC net radio checks as required.

c. Plan for the evacuation of temporary buildings. Temporary buildings will be evacuated during TCCOR-II if winds in excess of 75 kts are expected. Request overflow billeting space through the Base Facilities Engineer Division, if required.

d. Plan for the operation of mess halls during TCCOR-1C and TCCOR-1E. Provide for temporary berthing of food service workers within mess halls, to include civilian personnel when applicable.

e. Supervise the securing of loose equipment, supplies or debris subject to wind or water damage, or which could cause injury or damage by being blown about. Notify the BWOOD when completed (Note: CDCOC not activated until TCCOR-II).

f. Provide support to tenant units as requested.

g. Plan for the billeting and messing of personnel furnished by external sources. Plan for emergency communications, transportation, and the evacuation of temporary facilities.

h. Continue normal routine.

3. Tenant Units

a. Be prepared to support all phases of this Order.

b. Store two days supply of water for drinking and sanitary purposes in billeting areas.

2003. TCCOR-II. Normal activities aboard military installations continue without interruption. If the storm changes direction or abates while Okinawa is in TCCOR-II, a return to TCCOR IV/ALL CLEAR may be declared.

1. BWOOD (after working hours); Base AC/S G-3 (during working hours)

a. Upon receipt of a TCCOR-II alert from Kadena Air Base Weather, repeat action as required in paragraph 2002.1.

b. BWOOD assumes the duties as the BDCOC watch officer after working hours. Activate the BDCOC radio net, conduct radio checks with all camp/stations, and then secure the net until TCCOR-I is set.

c. Notify BDCOC personnel (TWO/SNCO) of current TCCOR and advise them to prepare to stand up. Upon setting of TCCOR-I, the BDCOC TWO/SNCO will assume their duties.

2. CDCOC

a. Promulgate the setting of TCCOR-II to tenant units.

b. Activate the Camp/Station CDCOC. Notify the BDCOC when fully activated.

- (1) Maintain a journal of CDCOC significant actions.
 - (2) Conduct the CDCOC net radio checks with all stations.
 - (3) Respond to BDCOC net radio check. BDCOC will conduct one net check and then secure the net until TCCOR-I is set.
- c. Muster and brief Damage Control teams per Chapter 3. Where assigned, 5-ton trucks and drivers report.
 - d. Continue securing loose equipment and debris.
 - e. Evacuate temporary facilities as required. Ensure proper security. Notify the BDCOC of evacuated facilities.
 - f. On request, and if available, provide typhoon-proof shelter to all bona fide dependents.
 - g. Continue normal activities.

3. Tenant Units

a. Provide personnel and equipment for DC functions as required by the current edition of reference (b). The parent unit of personnel will ensure that individuals report with rain gear, helmet, flak jacket, goggles, cot, sleeping bag, extra uniform, toilet kit and two days of MREs.

(1) Vehicles and towed equipment will not necessarily be delivered immediately upon TCCOR-II. Priority of missions for tactical vehicles is (1) transport of troops from field training, (2) delivery of water trailers and generators, and (3) delivery of vehicles to CDCOCs, etc.

(2) The objective is to have all equipment delivered to its site before TCCOR-I is set.

- b. Continue securing loose equipment and debris.
- c. Secure from field training and strike tentage.
- d. Prepare tactical vehicles for destructive weather as determined necessary by the unit commander. Park vehicles to provide maximum protection. Fuel all vehicles that may be needed during the storm and recovery operations.

e. Evacuate temporary facilities if winds of 75 kts or greater are expected. Prepare temporary buildings as follows:

- (1) Clear floors of objects subject to water damage.
- (2) Move furniture and equipment to the center of the room, cover with canvas and lash down.

- (3) Shutoff main electrical power switch.
 - (4) Close windows and lower blinds, do not tape windows.
 - (5) Secure and lock doors.
 - (6) Ensure all window air conditioners are secure in their fixtures.
 - f. Continue normal activities.
4. MCB, Camp Smedley D. Butler Staff Sections
- a. Facilities Maintenance activates the MOC with emergency crew personnel upon setting of TCCOR-II.
 - b. Each of the following staff sections will establish a continuous officer/SNCO watch within their working spaces and will advise the BDCOC of the location and telephone numbers. The watch will be secured only when authorized by the BDCOC.
 - (1) Base Facilities Maintenance (FacMaint), 645-7293/7294.
 - (2) Base Provost Marshal, 645-7441/7442/3885.
 - (3) Base Motor Transport, 645-2460/3774.
 - (4) Base Fire House, 645-3776.
 - (5) Base DSSC, 645-7541/2410.
5. III MEF Command Center. Activate communication nets per Chapters 5, 7, and 9.
6. 1st MAW. Activate communication nets per Chapter 7.

2004. TCCOR-I. All nonessential activities should be discontinued as directed by service commanders. There will be no school for DODDS students. Children will return and/or remain home. School buses will return children if enroute, however, staff and teachers work during normal duty hours. If, due to a diminishing threat of destructive winds, TCCOR-SW is declared, personnel will return to normal duty as directed by service commanders. Military/civilian personnel may be selectively released if necessary to supervise children released from school.

1. TWO/BDCOC
- a. Promulgate the setting of TCCOR-I per paragraph 2002.1.
 - b. Finalize preparations to execute TCCOR-IC.
 - c. Activate the radio nets and conduct hourly radio checks.

d. Release operational immediate message to CMC WASHINGTON, DC per figure 2-5.

2. Camp/Station Commanders

- a. Promulgate the setting of TCCOR-I to tenant units.
- b. Finalize preparations to execute TCCOR-IC.
- c. Selective curtailment of activities may be implemented.
- d. Activate and monitor all radio nets.

3. Tenant Units

- a. Continue actions required by paragraph 2002.3 as appropriate.
- b. Commanders may selectively curtail activities.
- c. DODDS close.
- d. Prepare to execute TCCOR-IC.
- e. Ensure communication nets are activated.

2005. TCCOR-IC

1. All nonessential activities should be discontinued as directed by Service Commanders. Government motor vehicle operations will be curtailed until after military/civilian personnel have been released to their quarters. Private and government vehicle operations will be limited to personnel shift changes and emergency maintenance of essential equipment. If due to a diminishing threat of destructive winds, TCCOR-SW is declared, personnel will return to normal duty as directed by Service Commanders. Camp Commanders will specify in their plans those activities under their jurisdiction which must be continued. The following specific activities will be discontinued:

- a. Amusement and recreation activities.
- b. PX/BX, commissaries, snack bars, and restaurants. Commissaries and BXs will close unless otherwise directed.
- c. Domestic labor, except live-in employees.
- d. Other nonessential activities.

2. TWO/BDCOC

- a. Promulgate the setting of TCCOR-IC as per paragraph 2002.1.
- b. Finalize preparations to execute TCCOR-IE.

3. Camp/Station Commanders

- a. Promulgate the setting of TCCOR-IC to all tenants units.
- b. Secure all activities except those in support of urgent military or civil missions. Essential activities include, but are not limited to, damage control, telephone/communications centers, weather service, and messhalls.
- c. Curtail vehicle operations until the initial flow of private vehicle traffic from discontinued activities to quarters has ebbed. Vehicle operations will be limited to watch changes, damage control functions, and closing facilities. The CDCOC must approve all vehicle dispatches, other than damage control teams and emergency vehicles (PMO, Fire, FacMaint). Contact the Commanding General for authorization to deploy 5-ton trucks under wet road conditions.
- d. Military and civilian personnel not required for the performance of operations will be released immediately.
- e. Personnel will remain indoors except to perform essential damage control functions or go to the messhall.
- f. Messhalls will normally remain open throughout TC-1E. Camp/Station Commanders may close messhalls due to local weather conditions. Refer to Appendix A.
- g. Colors will be lowered to preclude danger to exposed personnel and to the displayed flags. Colors will not be displayed until TCCOR-All CLEAR is established.

4. Tenant Units

- a. Continue action required by paragraph 2002.3 as appropriate.
- b. Secure all activities except those in support of urgent military or civil missions. Essential activities include, but are not limited to, damage control, telephone/communications centers, weather service, and messhalls.
- c. Military and civilian personnel not required in the performance of these operations will be released immediately.
- d. Use of government vehicles will be curtailed until the initial flow of vehicle traffic to quarters from discontinued activities has subsided.
- e. Military vehicles not required for essential damage control or other essential functions will be returned to their respective motor pools. The CDCOC must approve any future vehicle dispatch, other than damage control teams or previously approved essential activities such as guard, etc. All vehicles must have a sign as outlined in paragraph 3000.

2006. TCCOR-IE. Continuance of indispensable military and civil operations; emergency functions for the preservation of life, law and order; and the operation of dining facilities may be permitted by Camp Commanders. All other activities will be discontinued promptly and all personnel, except those in the functions noted, are prohibited from leaving their quarters/shelters until TCCOR-SW is declared. Motor vehicle operation will be limited to 5-ton tactical, 3-ton commercial/military, "Hardback" HMMWV (M1043) or the M1010 tactical ambulance. No wheeled vehicles will be operated when wind speeds exceed 80 kts (92 mph) except under conditions of extreme emergency (life or death situations).

1. TWO/BDCOC

- a. Promulgate the setting of TCCOR-IE as per paragraph 2002.1.
- b. Coordinate inter-installation emergency support as required. This includes emergency maintenance, fire fighting, medical transportation, evacuation, communications, etc.
- c. Receive damage, casualty, and evacuation reports and submit to Facilities Engineer. Submit copy of reports to MCB, G-3.
- d. Civil Relief. The GOJ is responsible for civil relief. However, the OAC may approve assistance as required. Pass any requests for assistance to the AC/S, G-3 MCB. Coordinate approved civil relief activities through the CDCOC teams. This does not preclude assistance by responsible individuals in case of dire emergency when immediate action is necessary to prevent loss of life, serious injury, or to alleviate human suffering. Report any such actions to the TWO/BDCOC immediately.

2. Camp/Station Commanders

- a. Promulgate the setting of TCCOR-IE to tenant units.
- b. Coordinate inter-installation emergency support as required. This includes emergency maintenance, fire fighting, medical transportation, evacuation, communications, feeding, etc.
- c. Dispatch reconnaissance/rescue team(s) to patrol the camp/station as required. Keep the CDCOC advised of the status of DC teams.
- d. Compile and submit damage, casualty and evacuation reports to the BDCOC. This submission should be initially by phone with a written follow-up (paragraph 2009).
- e. Authorize the continuance of indispensable or emergency military and civil functions for the preservation of life or law and order. All other activities will be discontinued.
- f. The Camp/Station Commander may authorize the operation of messhalls meal-by-meal depending upon local wind conditions. In the event of messhall closure, missed-meal prorated subsistence allowance is authorized. Missed meal rosters will be accounted for per Appendix A.

g. Motor vehicle operation will be limited to ambulances, tactical military and Facilities Engineer vehicles three tons or more. No wheeled vehicle will be operated when wind speed exceeds 80 kts (92 mph), except in a life-or-death situation.

h. Civil Relief. Relay to the CDCOC any request for off-base civil relief. This does not preclude assistance by responsible individuals in case of emergency when immediate action is necessary to prevent loss of life, and serious injury or to alleviate human suffering. Such action will be reported to the CDCOC as soon as practical.

i. Damage Control personnel must wear helmets, goggles and upper torso body armor when outside. This is not required of personnel transiting to messhalls.

j. At least one gate per facility will remain open. Those not able to be physically secured must be manned. The Military Police will man the main gates at Foster, Hansen, Courtney, Lester, Futenma and Kinser.

k. Traffic through the camp gates will be restricted to emergency vehicles.

3. Tenant Units

a. Personnel must remain indoors except when performing essential Damage Control functions or when going to or from the messhalls.

b. Report casualties, damage and evacuation of the CDCOC per paragraph 2009.

c. Motor vehicle operations will be limited to damage control and emergency vehicles only. Other dispatches must be approved by the CDCOC. No privately owned vehicles will be driven.

d. In the event of messhall closure, missed-meal prorated subsistence allowance is authorized. Missed-meal rosters will be accounted for per Appendix A.

2007. TCCOR-IR. The island is no longer experiencing destructive winds of 50 kts or greater, but may still be experiencing some effects of the typhoon, and widespread damage and hazards may exist. Actual winds are 34-49 kts.

a. Nonessential functions remain closed, unless otherwise directed by the Camp/Station Commanders.

b. All but emergency personnel remain in quarters.

c. DODDS schools remain closed.

d. Camp/Station Damage Control personnel will be directed to survey designated areas to assess damage and identify hazards. Facility Engineer personnel will begin emergency recovery actions. If there is extensive damage, the island may remain in TCCOR-IR while a selective recall is made to obtain personnel to remove hazards and assess damage at the unit level. Joint Service Emergency COCs will report major hazards to the 18th Wing via the Kadena Consolidated Command Post Duty Controller (or Joint Emergency Coordination Center-Okinawa (JECC-O)), if activated.

e. At the direction of the installation commanders, selected MWR, AAFES, and Commissary facilities may begin preparation for opening in anticipation of TCCOR-SW.

f. All Facilities Maintenance personnel report for duty.

2008. TCCOR-SW. There is still a possibility of danger to personnel due to storm unpredictability or from hazards created by previous high winds. In general, normal activities can be resumed; however, winds may still remain strong and the situation should be monitored closely. Caution should be exercised in conducting outdoor activity. Military and civilian personnel will return to work during normal duty hours unless instructed otherwise by their chain of command. Destructive weather rations (MRE) may be issued to camps that have sustained damage to messhalls rendering them inoperable. Commissaries and BXs will reopen unless directed otherwise by the installation commander.

1. TWO/BDCOC

a. Promulgate the setting of TCCOR-SW per paragraph 2002.1.

b. Maintain current operations until TCCOR-All CLEAR is declared.

c. Military and civilian personnel will return to work after TCCOR-SW is sounded. During TCCOR-SW, any return-to-work announcements will be requested through the BDCOC. The BDCOC will release the announcements over the AFRTS Network.

d. Notify BWOOD of current TCCOR and advise them to prepare to assume the duty upon setting of TCCOR-ALL CLEAR.

2. Camp/Station Commanders

a. Promulgate the setting of TCCOR-SW to tenant units.

b. Maintain current operations until another TCCOR is promulgated.

c. Release equipment provided per reference (c), less communications equipment, to parent units.

d. Normal vehicle dispatch may commence.

e. Clean-up operations may commence.

f. Destructive weather rations (MRE) will be issued only to those camps that have sustained damage to messhalls rendering them inoperable following a typhoon in accordance with Appendix A.

g. Continue consolidation of all casualty and damage reports per paragraph 2009.

3. Tenant Units

a. Maintain current operational status until another TCCOR is promulgated. Refer to paragraph 2009 for instructions on returning to work.

b. Begin retrieving equipment provided per reference (c), less communications equipment.

c. Clean-up operations may commence.

d. Report to the CDCOC any casualties and damage as required. See paragraph 2009.1c for required information.

e. Ensure assigned area is cleaned up prior to liberty call.

2009. TCCOR-IV/ALL CLEAR. Following damage assessment and the ALL CLEAR announcement, any extended recovery actions will begin. DODDS teachers, staff, and students return to school during normal hours. From 1 ~~July~~ June through 30 November, Okinawa will return to TCCOR-IV when ALL CLEAR is announced.

1. TWO/BDCOC

a. Promulgate the setting of TCCOR-IV/ALL CLEAR per paragraph 2002.1.

b. Secure the BDCOC.

c. Reports. Consolidate all damage and casualty reports. Cross-check BDCOC input with Base Maintenance and the U. S. Naval Hospital. These reports should be in the following format.

(1) Facilities Damage. Building number, description of damage, and cost of repair (if known).

(2) Equipment Damage. Item, unit, description of damage, and cost of repair (if known).

(3) Casualties. Name, rank, service, ssn, unit, injury, disposition.

d. Send consolidated report of major damage/casualties to COMMARFORPAC via COMUSJAPAN.

2. Camp/Station Commanders

- a. Promulgate the setting of TCCOR-IV/ALL CLEAR to tenant units.
- b. Continue full operation of CDCOC until no longer required.
- c. Receive, consolidate and submit casualty and damage reports telephonically to the BWOOD at Camp Butler. The report must be submitted within 24 hours of setting TCCOR-IV/ALL CLEAR and in the format per paragraph 2009.
- d. Return communications equipment and personnel as required.
- e. When TCCOR-IV/ALL CLEAR is declared between 0800 and sunset, colors will be raised as soon as practical with appropriate formality.

3. Major Commands/Tenant Units

- a. Submit casualty and damage reports, including that of FMF equipment, to the CDCOC and to your major command in the format as prescribed by paragraph 2009. Initial reports will be by phone/radio; follow-up will be a written report.
- b. Commence clean up.
- c. Tenant commanders coordinate with the camp/station commander prior to sounding liberty.
- d. Civilians and military personnel are to report to work during TCCOR-SW/ALL CLEAR during their normal working hours/shifts unless otherwise directed. This announcement will be made over the AFN radio and television network. Failure to have knowledge of such an announcement will not be considered a valid reason for late return to work.

4. U. S. Naval Hospital, Okinawa. Within eight working hours after ALL CLEAR, submit a telephonic report to the CG, MCB, Camp Smedley D. Butler (Attn: G-3). Submit a written damage report within 24 working hours per paragraph 2009.

5. Facilities Maintenance Officer. Within eight working hours after ALL CLEAR submit a telephonic report to the CG, MCB, Camp Smedley D. Butler (Attn: G-3). Submit a written damage report within 24 working hours per paragraph 2009.

SOP FOR DESTRUCTIVE WEATHER

1. THIS IS THE LATEST BULLETIN ON TYPHOON/TROPICAL STORM _____.
AS OF _____ L WE ARE NOW/STILL IN TROPICAL CYCLONE
CONDITION _____. AT _____ I TYPHOON/TROPICAL STORM _____ WAS
LOCATED AT _____ DEGREES NORTH AND _____ DEGREES EAST WHICH IS
_____ NAUTICAL MILES _____ OF KADENA AB. IT HAD WINDS
GUSTING TO _____ KNOTS NEAR ITS CENTER AND WAS MOVING TOWARDS TO
_____ AT _____ KNOTS. THE JOINT TYPHOON WARNING
CENTER IS FORECASTING TYPHOON/TROPICAL STORM _____ TO BE LOCATED
_____ MILES _____ OF KADENA BY _____ L.

2. IF TYPHOON/TROPICAL STORM _____ CONTINUES TO MOVE AS FORECAST,
DAMAGING WINDS OF 50 KNOTS OR GREATER MAY OCCUR FROM _____ L TO
_____. 1. THE STRONGEST WINDS ON OKINAWA ARE EXPECTED TO BE _____
KNOTS AT _____ L.

3. REMARKS. _____

4. STAY ALERT FOR FUTURE CHANGES TO TROPICAL CYCLONE CONDITIONS. THE NEXT
UP DATE WILL BE AT _____ I OR SOONER IF CONDITIONS WARRANT.

SOP FOR DESTRUCTIVE WEATHER

Typhoon Condition _____ at _____ on _____ winds at _____

Upon receipt of a new condition of readiness from the Joint Typhoon Warning Center (634-3940), notify the following personnel/commands in the order listed. If there is no answer, proceed to the next person on the list and try again later. Record time and name of receiver. Ensure a responsible individual receives the information.

PRIMARY KEY PERSONNEL

<u>COMMANDS</u>	<u>DUTY NO</u>	<u>ALT NO</u>	<u>RECEIVED BY/TIME</u>
CG, MCB, BUTLER	645-7768	**	_____
C/S, MCB, BUTLER	645-7274	**	_____
C/S, 1ST MAW	645-2135	**	_____
AC/S, G-3, MCB	645-7280	**	_____
DEP AC/S, G-3, MCB	645-7214	**	_____
TWO, 1ST MAW	645-2166	**	_____

(*) BWOOD, Contact assigned personnel according to typhoon Watch Schedule.

(**) Refer to current recall rosters during nonworking hours.

Figure 2-2.--Key Personnel/Commands/Staff to Notify

SOP FOR DESTRUCTIVE WEATHER

CAMP COMMANDERS (Conference call #1)

After receiving conference call from the 18th Wing Weather Flight (Kadena), pass all information to Camp/Station command centers. Dial 622-9009--- as personnel begin to answer, repeat STAND-BY FOR A CONFERENCE CALL until all phones are answered (this may take a minute or two). Let everyone know the reason you are calling is to update the location of the typhoon. Go down the checklist and ask for the first and last initial. Once you complete this process, pass all information from the TCCOR Information Release Log. If a camp or station does not answer up, call them individually at the numbers listed below:

<u>CAMP/STATION</u>	<u>PRIMARY</u>	<u>ALT</u>	<u>INT</u>	<u>FAX</u>
CAMP GONZALVES	628-2238	628-2206		628-2235
CAMP SCHWAB	625-2400	625-2588		625-2604
CAMP HANSEN	623-4771	623-4922		NONE
CAMP COURTNEY	622-7706	622-7571		622-7769
CAMP FOSTER	645-7315	645-7316		645-0529
CAMP KINSER	637-3500	637-2207		637-1128
MCAS FUTENMA	636-3107	636-3109		636-3088
BASE RNG CON	623-4583	623-4385		623-7332
IE SHIMA	622-7333	622-7333		622-7380
PMO	645-7441	645-2969		645-7686
MCB G-6	645-0625	645-0554		645-0625
USN HOSPITAL	643-7555	643-7509		643-7591
MCB FE	645-7293	645-9394		645-2183
AC/C MWR	645-2972	645-2960		645-2083
MCB G-4	645-7355	645-7223		645-7231
BASE MT DISPATCH	645-2460	645-3774		645-3877
1ST MAW TWO	645-2166	645-2116		
FIRE CHIEF 645-3776	645-2566			645-3746

Figure 2-2.--Key Personnel/Commands/Staff to Notify

SOP FOR DESTRUCTIVE WEATHER

OTTUZYUW RUHBANB0001 1 2 -UUUU--RUHBANB RHMCSUU.
ZNR UUUUU
O 3 4 5 9
FM COMMARCORBASESJAPAN CAMP BUTLER JA//G3//
TO COMMARCORBASESJAPAN CAMP BUTLER JA
INFO CMC WASHINGTON DC//POC//
COMMARFORPAC//G3//
MCAS IWAKUNI JA//OPS//
HQBN CAMP FUJI JA//S3//
BT
UNCLASS //N03100//
MSGID/GENADMIN/MCB CAMP BUTLER JA//
SUBJ/TROPICAL CYCLONE ALERT CONDITION//
RMKS/1. TROPICAL CYCLONE CONDITION 6 IS SET EFFECTIVE 7
(ZULU) DUE TO TYPHOON 8 .//
BT
NNNN

- 1 - JULIAN DATE:EX. 20 AUG IS 232
- 2 - NUMBER OF MESSAGES SENT THAT DAY. REMEMBER THE FIRST MESSAGE RELEASED IS 1 AND THE NEXT ONE IS 2.
- 3 - ACTUAL DATE: 20 FOR 20 AUGUST
- 4 - ZULU TIME NOTE: TO OBTAIN ZULU TIME, SUBTRACT NINE HOURS FROM LOCAL TIME
- 5 - CURRENT MONTH
- ***NOTE*** 3, 4, AND 5, SHOULD LOOK LIKE 200250Z AUG 99
- 6 - THE PROPER CYCLONE CONDITION III, II, I, IC, IE, IR, SW, ALL CLEAR
- 7 - ZULU TIME TYPHOON INFORMATION RECEIVED
- 8 - TYPHOON NAME
- 9 - CURRENT YEAR

SOP FOR DESTRUCTIVE WEATHER

OTTUZYUW RUHBANB0001 1 2 -UUUU--RUHBANB RHMCSUU.
 ZNR UUUUU
0 3 4 5 8
 FM CG MCB CAMP BUTLER JA//G3//
 TO CMC WASHINGTON DC//POC//
 INFO COMMARFORPAC//
 CG FMFPAC//G3//
 CG III MEF//G3//
 CG THIRD MARDIV//G3//
 CG FIRST MAW//G3//
 CG THIRD FSSG//G3//
 NAVHOSP OKINAWA JA//OD//
 BT
 UNCLASS //NO3100//
 MSGID/GENADMIN/MCB CAMP BUTLER JA//
 SUBJ/OPREP-3//
 RMKS/1. AS OF 6 ANTICIPATE DAMAGING WINDS OF 50KT OR GREATER WITHIN 12
 HOURS DUE TO TYPHOON 7 .//
 BT
 NNNN

1 - JULIAN DATE: EX 20 AUG IS 232
 2 - NUMBER OF MESSAGES SENT THAT DAY. SEE G-3 FOR NUMBER TO USE. REMEMBER
 THE FIRST MESSAGE RELEASED IS 1 AND THE NEXT ONE IS 2.
 3 - ACTUAL DATE: 20 FOR 20 AUGUST
 4 - ZULU TIME
 5 - CURRENT MONTH
 NOTE 3, 4, AND 5, SHOULD LOOK LIKE 200250Z AUG 91
 6 - THE ACTUAL DATE AND ZULU TIME
 7 - TYPHOON NAME
 8 - CURRENT YEAR

Figure 2-4.--TCCOR OPREP-3 Message Format

SOP FOR DESTRUCTIVE WEATHER

CHAPTER 3

DAMAGE CONTROL ORGANIZATION

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SOP FOR DESTRUCTIVE WEATHER

CHAPTER 3

DAMAGE CONTROL ORGANIZATION

3000. GENERAL

1. Damage Control Team Requirements. DC Teams of appropriate grade will be established as follows:

	<u>NTA</u>	<u>Schwab</u>	<u>Hansen</u>	<u>Courtney</u>	<u>Foster</u>	<u>Futenma</u>	<u>Kinser</u>	<u>White Beach</u>	<u>Lester</u>
CDCOC	1.0 0	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
Recon/ Res Tm	0	2	2	2	2	2	2	0	0
Heavy Equip Tm	0	0	1	0	1	0	1	0	0
Disp/ Med	1	1	1	1	0*	1	1	0	0
Aid Tm Fac									
Maint Tm	0	1	1	1	1	1	1	0	0
Fire Sta	0	1	1	0	1	1	1	0	0
PMO	0.0 0	0.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00
G-6 Maint	0	1	1	1	1	1	0	1	1

*NOTE: The United States Naval Hospital (USNH), Camp Lester provides medical aid to all Camp Foster and Lester.

2. Damage Control Emergency Vehicle signs. DC vehicles used during TCCOR-IC and TCCOR-IE must have "TYPHOON EMERGENCY VEHICLE" signs securely mounted to the front and rear of each vehicle dispatched. It is the responsibility of the command/section performing the DC function to acquire and store the signs. Signs will be per the following specifications:

15" x 30"
(3" black lettering with Yellow background)
Yellow background)

*FUNCTION, i.e., CDCOC, Fac Maint, Military Police, Medical Aid Team.

3. Personal Equipment. DC Teams will be required to wear upper torso body armor, goggles, and helmets while outside during TCCOR-IE.

3001. BASE DAMAGE COC

1. General. The BDCOC operates under the direction of the Commander, Marine Corps Bases, Japan. Each Camp/Station Commander is responsible for their own camp and all tenant units aboard. The BDCOC will coordinate interservice assistance when required. The OAC will coordinate and direct all civil relief activities through the BDCOC. This does not preclude assistance by responsible individuals in case of emergency, when immediate action is necessary to prevent loss of life and serious injury or to alleviate human suffering. However, this action must be reported to the BDCOC as soon as possible. The BDCOC will coordinate all news releases of a significant nature.

2. Communications. BDCOC will activate and maintain the BDCOC net during TCCOR-I. BDCOC will activate and maintain the JECC-O net at the direction of the OAC for coordination of joint emergency operations (see Chapter 5).

3. Duties

a. Activate upon setting TCCOR-II and remain on line until TCCOR-IV/ALL CLEAR has been established.

b. Promulgate information received from the Commander, 18th Wing who establishes the TCCOR. Authorize Camp/Station Commanders to set conditions higher than promulgated based on conditions at their installations when requested.

c. Coordinate inter-installation damage control teams, emergency maintenance, fire fighting, medical aid, transportation, evacuation, communications, etc., as required.

- d. Make a logbook entry of all significant events.
- e. Consolidate damage and casualty reports.
- f. Inform the OAC of damage or injuries on any installation including that of other Services.
- g. Report to higher headquarters as required.
- h. Activate their JECC-O when directed by the OAC.

4. Personnel. The BDCOC will consist of the following personnel:

- a. One Officer/TWO.
- b. One SNCO/TWSNCO.
- c. Two Base Duty Clerks.
- d. Two Licensed 5 Ton/HMMWV Drivers (Covers all watches).
- e. Two Radio Operators.

5. Watches

a. The BWOOD and the Base Duty Clerk will man the BDCOC during TCCOR III and II. Upon setting TCCOR I the Typhoon Watch Officer (TWO) will relieve the BWOOD of all duties and muster the typhoon watch team at the BDCOC, located in the Bldg 1, Camp Foster. The Base Duty Clerk will remain on duty and become a part of the typhoon watch team.

b. The TWO and the typhoon watch team will rotate at 0800 daily, except when in TCCOR-IE. No watches will rotate during the TCCOR-IE.

6. Equipment

a. Individual equipment. Personnel assigned to the BDCOC (Typhoon watch team) will report with all equipment as stated in par. 2003.3.a.

b. BDCOC equipment:

- (1) Typhoon Information Binder.
- (2) Communications equipment to operate/monitor the BDCOC, JECC-O, and Fire/Maintenance nets.

3002. CAMP/STATION DAMAGE COC. Each CDCOC is established, manned and operated under the respective camp/station commander. The CDCOC is responsible for establishing and supervising all disaster control procedures located within the respective installations during a natural disaster.

1. Duties

a. Activate upon setting TCCOR-II and remain on line until secured by the BDCOC.

b. Promulgate information received from the BDCOC to all tenant units.

c. Assemble, brief, organize CDCOC personnel and the recon/rescue teams. Telephonically verify that the heavy equipment and medical aid teams are ready, if applicable.

d. Ensure all loose equipment/debris that may cause injury/damage if blown about is secured.

e. Consolidate and submit damage and casualty reports to the BDCOC.

f. Maintain a journal of significant events.

g. Establish communications per Chapter 5.

h. Coordinate Damage Control Teams, emergency maintenance, fire fighting, medical aid, transportation, evacuation, communications, etc., as required.

i. Coordinate requests for civil relief through the BDCOC.

j. Enforce provisions of this Order.

k. Ensure that CDCOC and recon/rescue team personnel are billeted in an area sufficiently centralized as to facilitate their rapid mustering.

2. Personnel. The CDCOC will consist of at least two watches, each with the below listed personnel, (exceptions to the number of watch teams will be granted on an individual basis).

a. One SNCO.

b. One clerk-0151.

c. One radio operator-2531.

d. One driver-3531 (Covers all Watches).

3. Equipment

- a. Maps of camp/station and flashlights.
- b. Communications equipment.
- c. Vehicle, 5-ton truck or hardback HMMWV.

4. Watches. The first watch will go on duty when TCCOR-II is sounded. The tour of duty will be determined by the camp/station commander.

3003. RECON/RESCUE TEAM

1. Mission. The recon/rescue team is under the operational control of the CDCOC. It patrols the installation to ascertain/report conditions, rescue trapped personnel within capability and enforce discipline. It may operate during TCCOR-IE.

2. Personnel. Each team will be comprised of the following personnel:

- a. One NCO.
- b. Two enlisted (any MOS).
- c. One driver - 3531.
- d. One corpsman.

3. Equipment

a. The camp/station will provide blankets, foam fire extinguishers, picks, axes, shovels, crowbars, litters, lanterns, flashlights, and water cans.

- b. One portable radio per team.
- c. One vehicle (5 ton or hardback HMMWV) per team.

3004. HEAVY EQUIPMENT TEAM

1. Mission. The heavy equipment team provides support to assist the recon/rescue team in rescuing trapped personnel. They are dispatched within their respective installation by the CDCOC or inter-installation by the BDCOC. During TCCOR-II, they telephonically check in with their respective CDCOC.

2. Personnel

- a. One SNCO, 3529.
- b. One driver, 3523.
- c. One assistant driver.

3. Equipment

- a. One wrecker.
- b. One AN/PRC-77.

3005. MEDICAL AID TEAMS/DISPENSARIES

- 1. Mission. Provide medical aid during natural disasters. This includes the requirement to provide on-site medical aid teams within the respective installations if required.
- 2. Activation. Dispensaries will report team status to the respective CDCOC during TCCOR-II. Each Camp/Station Commander must provide billeting for augmented personnel.
- 3. Casualties. Report all typhoon-related casualties to the respective CDCOC and the USNH operations, 631-7471/7477, and 631-7555/7509 after hours.
- 4. Communications. Per Chapter 5.
- 5. Personnel and Equipment. Medical personnel and equipment will be designated by the OIC of the Medical Aid Team. The medical officer must exercise prudent judgment as to whether ambulances can be driven during TCCOR-IE, depending upon local conditions and the nature of the emergency.

3006. FACILITIES MAINTENANCE TEAMS. Each camp/station will have a team assigned to provide on-site assessment and repair of damages that may occur during a natural disaster.

3007. FIRE STATIONS. Fire stations will remain on standby during all tropical cyclone conditions. Communications will be per Chapter 5.

3008. PROVOST MARSHAL. PMO will be prepared to continue operations during TCCOR-IC and TCCOR-IE to patrol/enforce provisions of this Order as required. Communications will be per Chapter 5.

3009. AC/S G-6, BASE COMM-ELECT MAINTENANCE TEAMS

- 1. Comm-Elect repair crews will be dispatched to the communications centers and telephone exchanges upon setting of TCCOR-IC. Teams will have two days of MREs available.

2. Radio System Branch will have a consolidated DC team which will dispatch the Duty Tech and KG-84 Tech via the BDCOC.

3010. MAJOR COMMANDS/TENANT UNITS. Tenant Units will provide personnel and equipment as designated in reference (c). Ensure personnel report with a minimum of rain gear, helmet, flak jacket, goggles, cot, sleeping bag, change of uniform, toilet kit and two days of MREs.

SOP FOR DESTRUCTIVE WEATHER

CHAPTER 4

SUPPORT REQUIREMENTS

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SOP FOR DESTRUCTIVE WEATHER

CHAPTER 4

SUPPORT REQUIREMENTS

4000. SUPPORT REQUIREMENTS. Upon setting of TCCOR-II, units will provide personnel/equipment as indicated in reference (b). In the event of a unit's deployment/nonavailability, the parent major command will designate an alternate unit. Each supporting unit reports status of required equipment that is up and ready to their major command logistics office on a regular basis. MCB G-4 will update reference (b) each year to reflect changes in assets that are required and assigned for use during destructive weather.

CHAPTER 5
COMMUNICATIONS

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FIGURE

FIGURE 5-1 COMMUNICATIONS	5-4
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SOP FOR DESTRUCTIVE WEATHER

CHAPTER 5

COMMUNICATIONS

5000. GENERAL. Telephone is the primary means of communications with radio as a backup. Commanders are responsible for establishing radio communications as depicted in Figure 5-1. These nets will be tested upon setting of TCCOR-II and placed on standby as directed by the BDCOC. Upon setting of TCCOR-IC, all nets will be activated and will remain active until secured by the BDCOC. See reference (b) for personnel and equipment requirements.

5001. DISASTER NETS

1. JECC-O Net. The purpose of this net is to support the Okinawa Area Damage Control Plan by providing a radio link between the BDCOC and the service Command Damage COC's (Figure 5-1).
2. BDCOC Net. The purpose of this net is to provide the BDCOC a means of communications to the CDCOCs and other sections in order to carry out damage control responsibilities and provide the major commands an alternate means to communicate with their subordinate units located on the respective camps (Figure 5-1).
3. CDCOC Net. The purpose of this net is to provide the Camp/Station Commander the capability to control damage control teams within his camp/station (Figure 5-1).
4. 1st MAW Command and Control Net (WGC2). The purpose of this net is to provide backup communications between the Commanding General, 1st MAW, key staff members, BWOOD and subordinate commands on Okinawa. See Figure 7-1.
5. F/P Net. The purpose of this net is to provide the MOC with the capability of coordinating and controlling emergency DC functions of the maintenance and fire departments (Figure 5-1).
6. 1st MAW Typhoon Damage Control Net (WGTDC). The purpose of this net is to provide an alternate means of communications from the 1st MAW OOD to the major 1st MAW commands. See Figure 7-1.
7. MAG 12 Typhoon Damage Reporting Net (MAG-12 TDR). The purpose of this net is to provide backup communications between the Commanding General, 1st MAW and the Commanding Officer, MAG 12. See Figure 7-1.

SOP FOR DESTRUCTIVE WEATHER

CHAPTER 5

COMMUNICATIONS

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SOP FOR DESTRUCTIVE WEATHER

LEGEND C - NCS W - ALT NCS X - GUARD

FREQUENCY

JECC-O	T/R	- 32.40
BDCOC	T/R	- 40.30/41.05
CDCOC	SCHWAB	- 37.05
	HANSEN	- 34.60
	COURTNEY	- 36.40
	FOSTER/LESTER	- 41.25
	FUTENMA	- 32.75
	KINSER	- 30.75
	F/P NET	- 157.600

<u>NET CALL</u>	<u>SEMAPHORE - JADCOC NET</u>	<u>BUTLER - BDCC NET</u>		
<u>ACTIVITY</u>	<u>CALL SIGN</u>	<u>JECC-O</u>	<u>BDCOCF/P</u>	<u>CDCOC</u>
BUTLER (USMC)	BUTLER	C	C	X
KADENA (USAF)	TRAFFIC JAM	W		
10TH ASG (USA)	GREENHOUSE	X		
COMFLEACTS (USN)	YOUTHFUL	X		
MEF/DIV CMD CTR	TROPHY COMMAND		W	
NTA CDCC	NTA		X	C
SCHWAB CDCC	SCHWAB		X	C
HANSEN CDCC	HANSEN		X	C
COURTNEY CDCC	COURTNEY	X	C	
FOSTER/LESTER CDCC	FOSTER	X	C	
FUTENMA SDCC	FUTENMA	X	C	
KINSER CDCC	KINSER		X	C
BUTLER FIRE CHIEF	FIRE CHIEF		C	
BUTLER FAC MAINT	MAINTENANCE	W		
USNH	HOSPITAL	X*		
BUTLER	MARS	X		
RECON/RESCUE TM 1	RECON 1		X*	
RECON/RESCUE TM 2	RECON 2		X*	
HEAVY EQUIP TM	HEAVY EQUIPMENT	X*		
DISPENSARY	SICK BAY	X*		
MEDICAL AID TM	MEDICAL AID	x*		
FUTENMA FIRE STATION	FIRE STATION	X	X**	
FAC MAINT TM	FAC MAINTENANCE		X	X*
OTHERS	ASSIGNED AS REQUIRED			X*

All nets checked At TCCOR-II, activated upon TCCOR-I, and secured upon TCCOR-IV/ALL CLEAR when authorized by BDCOC.

* On assigned CDCOC when authorized by NCS.

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CHAPTER 6

FACILITIES MAINTENANCE

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SOP FOR DESTRUCTIVE WEATHER

CHAPTER 6

6003

FACILITIES MAINTENANCE

6000. GENERAL. The Base Facilities Maintenance detachments aboard each camp are designated as emergency maintenance teams which are a part of the DC organization. They are under the operational control of the Base Fac Maint Branch/Maintenance Operations Center and will coordinate with the respective Camp/Station Commanders.

6001. TCCOR-IV

1. Identify overall planning and coordination for the operation of emergency generators, installed and portable, including tenant unit assets. Expedited repairs or replacement of deadlined generators and double throw switches.

6002. TCCOR-III

1. Normal work will continue except for those personnel necessary to complete DC preparations.
2. Prepare typhoon job order.
3. Open Typhoon log.
4. Activate typhoon plot board.
5. Check emergency supplies and equipment.
6. Typhoon-proof buildings as directed by the operations section.
7. Plan for disconnection of electrical services as directed.
8. All permanently installed emergency generators will be serviced and those deadlined will be repaired or replaced on priority basis. Ensure all fuel tanks are full.

6003. TCCOR-II

1. The MOC will be activated upon setting TCCOR-II and will direct the activities of the maintenance branch.

a. Location. Operations Section, Bldg T-350, Camp Foster, telephone 645-7293/4/5/6.

b. Personnel

(1) TCCOR-II and TCCOR-I: Officer/SNCO, radio operator, and driver.

c. Communications. Draw two portable radios from the Facilities Maintenance resources.

d. Duties

(1) Authorize dispatching of maintenance forces for emergency repairs and fire fighting during TCCOR-IE.

(2) Coordinate opening of camp electric feeder when approved by BDCOC.

(3) Plan for post natural disaster emergency repairs and placement of standby generator assets per priorities noted in paragraph 6010.

(4) Maintain natural disaster manning level data.

(5) Maintain a complete maintenance journal of all significant actions, incoming and out-going reports, to include time, action taken, and reference to amplifying data.

(6) Maintain a listing of damage reports for camp damage assignment purposes.

(7) Confirm emergency switching arrangements with OEPC at telephone number 99-817-6360/6361.

2. Camp/Station Maintenance Teams. Each camp/station maintenance detachment will establish an emergency maintenance team.

a. Personnel. Teams will consist of the following:

(1) One (1) SNCO.

(2) Boiler Watches. Normal boiler watches will continue until TCCOR-IE is set. Each detachment will designate one boiler mechanic (or Marine if skills are available) to stand duty during TCCOR-IE. An additional crew of one leader and three boiler operators will be retained aboard Camp Foster until TCCOR-IV/ALL CLEAR is set.

(3) Water/Sewage Plant Operations. The following staffing will be effected from TCCOR-IC to TCCOR-IV/ALL CLEAR. Camp Lester water plant: One lead foreman and two operators. Camps Schwab, Hansen, and Courtney sewage treatment plant: One lead foreman and one operator.

(4) U.S. Army Bldg 103, Camp Foster. The general foreman of the electrical trades unit and general services unit will designate one air conditioning mechanic and two generator operators to be retained at this facility until ALL CLEAR is sounded.

(5) Central Shops Emergency Crew. The central shops emergency crew will consist of one Supervisor, six Electrical Linemen Crews, one Power System Controller/Dispatcher, three Refrigeration/Air Conditioning Mechanics and one Leader. These crews will be dispatched to their designated camps by the Shop Supervisor.

(6) Military Crews. Sufficient military personnel will be retained as designated by the MOC.

b. Emergency Vehicles. The MOC will designate emergency vehicles. Inform Base Motor Transport Branch of emergency vehicle assignments and arrange for heavy vehicles as required. The Motor Transport Office and Facilities Engineer will coordinate drivers.

c. Equipment and Tools. GSU will make available one dozer, one mobile crane, one tractor with lowboy trailer, and one boom truck at Bldg 5802, Camp Foster. The Electrical Trades Foreman in the electrical distribution shop will make available safety equipment necessary for opening jacks and air switches under adverse weather conditions.

d. Generators

(1) Owing units will deliver preplanned generators to designated buildings in accordance with reference (b).

(2) Tactical generators will be installed only by Base Facilities Maintenance Personnel.

(3) Test run all generators, repair/replace those not operational.

(4) Ensure sufficient fuel is available.

e. Check level of water storage tanks.

f. Remove signs as necessary.

g. Establish prepositioned sand piles at camps/station Maintenance Detachments as required.

6004. TCCOR-I

1. Activate electric power system control center. Be prepared to open electric feeder to respective camps on order. When opened, notify BDCOC.

2. Install preplanned typhoon shutters as required.

3. Secure all central air conditioning Units that are not required.

6005. TCCOR-IC

1. Fully man the MOC.
2. Accomplish only emergency work on exterior utilities/facilities directly

6006. TCCOR-IE

1. Dispatch of all emergency crews after setting of this TCCOR will be only with the prior concurrence of the MOC.
2. The duty fire chief is delegated authority to respond to fire alarms. If such response is made, the MOC and CDCOC will be notified immediately.
3. Keep the MOC/CDCOC, as appropriate, informed as to the status of all damages/malfunctions/dispatch of teams as they occur (paragraph 2009).
4. MOC and detachments maintain a journal of all damage reports received.
5. Accomplish an absolute minimum of outside work necessary to protect life and prevent major damage, weather permitting.
6. Maintain records of personnel dispatched to emergency situation sites.

6007. TCCOR-IR

1. Begin compiling damage reports.
2. Dispatch repair teams required.
3. Dispatch repair teams, as required.

6008. TCCOR-SW. Generators/operators will be released to parent units, except those supporting power failures.

6009. TCCOR-IV/ALL CLEAR

1. Facilities Maintenance will implement damage assessment action.
2. Maintenance department sections and detachments will report results of damage assessment survey (paragraph 2009).
3. Submit major damage assessments to AC/S, G-3 within 24 working hours after ALL CLEAR (paragraph 2009).
4. Expedite repair to damaged facilities.
5. Remove typhoon shutters as required.

6010. EMERGENCY ELECTRICAL POWER

1. Commercial Power. All installations will continue to be served by commercial power until forecasts dictate that circuits be opened to protect life or property. Opening of circuits will be with the prior approval of BDCOC except where damage to a distribution system or safety dictates immediate action.

a. Primary Circuit Isolation. The plan will be properly annotated with instructions necessary for emergency action in opening and closing of air switches. Current status on switches will be maintained, i.e., operative or inoperative.

b. Camp Feeder Procedure. All switching of commercial primary and secondary power distribution will be coordinated by the MOC only when clearance is received from the electric power supplier and reported immediately to the power dispatcher.

2. Emergency Generators. Emergency power will only be planned for the facilities outlined in reference (b). No generator will be attached to any part of the electrical distribution or building system except as directed by Base Facilities Maintenance personnel, after clearance is obtained from the electric power dispatcher.

a. Priority. Priority will be given to medical facilities, communications centers, refrigerated medical and food storage facilities.

b. Fuel. The following units will provide emergency portable generator refueling which will be funded by MCB, Camp Smedley D. Butler. Users must use credit card for identification so the refueling operator can provide information for reimbursement. Camps Schwab, Hansen, Courtney, and Foster fuel stations can be opened in the event of emergency by contacting the DSSC Duty Officer, 645-2684/7577/7591, and if approved by the BDCOC. Refueling will be coordinated by the CDCOCs.

(1) H&S Co, Combat Assault Battalion (CAB) - Camp Schwab.

(2) Combat Engineer Co, CAB - Camp Hansen.

(3) 9th ESB - Camp Courtney.

(4) 3d Support Bn - Camps Foster, Futenma, Kinser.

c. Generator/Operators. Both tactical (portable) and commercial (installed) generators are designated in reference (b). Installed and standby generators will be tested upon the setting of TCCOR-II; portable generators (not designated for standby) will be delivered and tested. All building hook-ups will be accomplished by Facilities Maintenance personnel. The MOC will coordinate with the CDCOC regarding billeting, tasking and securing of operators.

SOP FOR DESTRUCTIVE WEATHER

CHAPTER 7

1ST MAW OPERATIONAL PLAN

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SOP FOR DESTRUCTIVE WEATHER

CHAPTER 7

1ST MAW OPERATIONAL PLAN

7000. GENERAL

1. This Chapter provides direction for the evacuation and hangaring of aircraft and applies to 1st MAW units on Okinawa.
2. 1st MAW units at MCAS Iwakuni will be guided by MCAS Iwakuni Order 3140.3R and local SOP's. Aircraft evacuations will be coordinated through 5th Air Force, Yokota Air Base.
3. MCAS Futenma supports the 1st MAW plan as indicated in this Chapter.

7001. TCO/DWO

1. The 1st MAW, AC/S, G-3, is designated as the Typhoon Control Officer (TCO) for purposes of evacuating and hangaring 1st MAW aircraft.
2. The 1st MAW, G-3 ATCO, is designated as the Destructive Weather Officer (DWO) and is the direct liaison to the TCO for purposes of evacuating and hangaring 1st MAW aircraft.
3. The DWO will coordinate any plans for evacuation of 1st MAW aircraft with the 18th wing Command Post. Additionally, the DWO will update the 1st MAW Typhoon Tracker located on the network server, s:typhoon, with information provided by NAVPACMETOCEN WEST GU. Tropical Cyclone Warning can be obtained from the MDS, Internet, or the Futenma or Kadena Weather Service.

7002. TCCOR-IV. The standing tropical cyclone condition of readiness on Okinawa during the typhoon season.

1. TCO. The TCO will provide names of augment watch personnel (one Officer, one SNCO) to the Adjutant, MCB, Camp Smedley D. Butler, to be included in enclosure (3) or BBul 1601, Monthly Command Duty Section Assignments, prior to and during the typhoon season of 1 June to 30 November. Typhoon watch personnel will be exempt from other duties from 1 June to 30 November while on standby status.

2. MCAS Futenma Operations Officer will:

- a. Review plans for the evacuation of station and non-FMF aircraft and coordinate as necessary with the 18th Wing Command Post.
- b. Coordinate the use of Hangar 501 with the MAG-36 Aircraft Maintenance Officer.

3. MAG-36

a. MAG-36 Aircraft Maintenance Officer will review the emergency hangaring plan with subordinate units, and make liaison with Camp Kinser to identify warehouses available for emergency hangar space.

b. MAG-36 Operations Officer will review subordinate unit evacuation plans.

7003. TCCOR-III1. TCO will:

a. Ensure all 1st MAW units are notified of the change in readiness.

b. Establish communications with 1st MAW units per paragraph 7006 and Figure 7-1.

c. Receive evacuation/hangaring reports.

2. MCAS Futenma Operations Officer will:

a. Plan for increased IFR departures.

b. Provide appropriate crash/rescue support at Camp Kinser, if required.

c. Determine hangar and evacuation requirements for station aircraft.

d. Provide weather information to the Wing DWO on request.

e. Send Airmen's Advisory message when applicable.

3. Group/Squadron

a. Restrict local flying and prepare to evacuate aircraft.

b. Prepare to hangar aircraft.

c. Report the following information to the 1st MAW DWO at 645-2166/3892 as soon as possible:

(1) Total number of aircraft, by model, expected to be aboard within the next 24 hours.

(2) Total number of aircraft, by model, expected to be flyable during the next 24 hours.

(3) Total number of aircraft, by model, that are to be evacuated.

(4) Desired safe haven bases.

(5) Total number of personnel, together with weight and cube of support equipment, who are required to be airlifted to safe haven bases in support of evacuated personnel.

(6) Total number of aircraft, by model, to be hangared.

(7) Name of the Group Coordinating Officer. This officer will depart in the first available flight to coordinate parking of aircraft, billeting and messing. This officer will report to the safe haven base's designated liaison officer, (normally the senior Marine naval aviator at the safe haven base) when all flights are aboard.

d. For the KC-130's, report the following additional information to the 1st MAW DWO at 645-2166/3892 as soon as possible, but NLT TCCOR-III plus three hours:

(1) Aircraft buno, primary and secondary request for safe haven bases, proposed ETD and total number of officer (male/female) and enlisted (male/female) aircrew for each aircraft to be evacuated.

(2) Location and buno of all aircraft away from MCAS Futenma that will not be returning due to storm conditions.

(3) Specific hangar and buno of all aircraft that will be hangared at MCAS Futenma.

(4) Fax/send one copy of aircrew TAD orders. Fax number is 645-7578.

(5) Any special requirements.

e. Ensure that duty officers and NCOs are briefed on TCCORs and the requirements of this Order.

f. Pre-file safe haven flight plans with the operations sections of MCAS Futenma and MCAS Iwakuni, as required.

g. Evacuated aircraft shall be manned by at least that crew complement which is required for over water navigation flight.

h. Ensure hangars are clear of unnecessary equipment so that maximum space will be available for storage of aircraft. Be prepared to hangar aircraft from other units.

i. An adequate supply of evacuation kits containing emergency charts, publications, etc., shall be maintained by each organization for emergency issue.

j. Provide MCAS Futenma Operations Officer with the Group hangaring plan. For aircraft to be hangared at Camp Kinser, the following applies:

(1) Request must be made as early as possible so that the landing zone and warehouses can be prepared.

(2) Aircraft will use LZ Kinser (Northwest of Bldg 326).

(3) The MCAS Futenma Operations Officer will provide a MB-1 at the landing zone during flight operations.

(4) Personnel and equipment required for moving and securing aircraft will be provided by MAG-36.

7004. TCCOR-II

1. All aircraft that cannot be hangared will normally be evacuated during or prior to TCCOR-II. Weather conditions may require earlier evacuations, but all aircraft must be evacuated prior to TCCOR-I.

2. TCO

a. Ensure all 1st MAW units are notified of the change in readiness.

b. Maintain a list of aircraft sheltered by type, updated by reports from the DWO.

c. Maintain a list of safe haven aircraft by type, updated by reports from the DWO.

d. Establish and maintain liaison with evacuated units.

e. Arrange for aircraft to transport squadron support personnel and equipment to safe haven bases.

f. During aircraft evacuation, report the following to the CG 1st MAW:

(1) Commencement and completion of evacuation.

(2) Arrival times at safe haven bases.

g. Maintain contact with BDCOC to accomplish essential coordination.

h. Direct evacuation, as appropriate.

i. Upon completion of aircraft evacuation and hangaring, report aircraft status and safe haven location to CG III MEF and COMMARFORPAC, G-3/AIR, via e-mail or message.

3. MCAS FUTENMA

a. Hangar aircraft as required.

b. Coordinate takeoff block times for non-operating forces aircraft.

c. Reposition mission aircraft as appropriate.

4. Group/Squadron

a. Cease all flight operations except those designated by higher headquarters.

b. Hangar aircraft as required. If a conflict arises in sheltering facilities (Futenma, Kinser, Kadena), coordination will be made through the 1st MAW, G-3. Hangaring must be completed during TCCOR-II.

5. Evacuation

a. The 18th Wing Command Post (634-1800, fax 634-1791) will serve as the focal point for all actions required to protect, evacuate and recover aircraft within the Okinawa prefecture. They will coordinate the evacuation of aircraft and assign takeoff block times for all aircraft or flights of aircraft departing Okinawa, regardless of base origin or unit. The DWO will coordinate these assignments for all 1st MAW aircraft located on Okinawa. Iwakuni based flying units will coordinate aircraft evacuation with 5th Air Force, Yokota Air Base utilizing procedures contained in current regulations. A maximum number of aircraft will be evacuated. In planning a typhoon defense evacuation, these instructions will be followed as closely as possible.

b. Normally, multi-engine aircraft and those aircraft which are required for scheduled high priority missions will be evacuated.

c. Evacuations will be executed via coordination with the cognizant Air Station Operations Officer.

d. Night time evacuations will be avoided if possible.

e. Aircraft groups report the name and grade of the senior Marine aviator evacuating to each safe haven site to the DWO.

f. Once aircraft evacuation is directed, flight leaders will conform to approved routes and safe haven bases in so far as possible.

g. Notify the DWO by the most rapid means available in the event that conditions warrant deviation from published routes/safe haven bases.

h. If emergencies necessitate landing at other designated safe haven bases, the senior Marine aviator will ensure liaison responsibilities at that base.

i. The 1st MAW Liaison Officer or the senior Marine aviator at each safe haven base will coordinate activities for all 1st MAW aircraft and crews. They will, upon arrival, establish contact with the DWO and the CDCOC. They will also be responsible for all routine communications with 1st MAW units. Each liaison officer will be on the first flight to each safe haven base.

j. The senior Marine aviator for each unit at each destination will send an arrival message to the TCO upon arrival at the safe haven base via the fastest means available (phonecon, e-mail or message). After evacuation is complete, all concerned parties will be notified of the arrival time of each aircraft at the assigned safe haven base. Any subsequent movement of those aircraft must be coordinated with the TCO.

k. Report to the TCO when all requirements for TCCOR-II are met.

7005. TCCOR-I

1. TCO. Ensure all 1st MAW units are notified of the change in readiness.
2. TWO/BDCOC. Upon receipt of a TCCOR-I alert from Kadena Base Weather, the BWOOD secures and is replaced by the Base/Wing Typhoon Watch Officer. This condition remains in effect until ALL CLEAR is announced. The Base/Wing Typhoon Watch Officer becomes the central POC for all typhoon related matters.
3. All nonessential activities should be discontinued as directed.
4. During TCCOR-IC, TCCOR-IE and TCCOR-IR all personnel will remain indoors except to perform essential damage control functions or to go to the messhall.
5. Mess halls will normally remain throughout TCCOR-1E. Camp/Station Commanders may close mess halls due to local weather conditions. Refer to Appendix A.

7006. TCCOR-SW. There is still a possibility of danger to personnel. In general, normal activities can be resumed; however, winds may still remain strong and the situation should be monitored closely. Personnel will return to work during normal duty hours unless instructed otherwise by their chain of command.

7007. TCCOR-ALL CLEAR

1. MCAS FUTENMA

a. Logistics Officer. Chair post-typhoon meeting with logistics, services, operations officer; tenant groups; other tenant units; and the maintenance general foreman to determine requirements and priorities to restore airfield operations consistent with health, welfare of personnel, and equipment availability.

b. Operations Officer

(1) Provide an estimate of requirements to make the airfield operational under Visual/Instrument Meteorological Conditions (VMC/IMC) and by type aircraft (rotary/fixed wing). Provide estimate of and coordinate overall cleanup of the aircraft operating areas.

(2) Provide the Commanding Officer with an estimated time that the airfield will be operational under VMC/IMC by type aircraft. Estimate will include type and amount of augmentation required by MTACS-18.

(3) When directed by the Commanding Officer, issue the appropriate NOTAMS opening the airfield with appropriate restrictions, keeping the 1st MAW TCo/DWO informed of applicable restrictions.

(4) Recall station aircraft as appropriate.

2. Groups/Squadrons

- a. Executive Officers attend post-typhoon meeting.
- b. Provide working parties and equipment support as determined during post-typhoon meeting.
- c. Coordinate cleanup of subordinate until areas per overall station priorities.
- d. Consolidate and report all major damage by building number to the Station Disaster Control Center (DCC) within three hours.

7008. COMMUNICATIONS

1. Nets. One primary radio net will be used and one alternate radio net may be used for 1st MAW Typhoon Damage Control (TDC) communications. Appropriate communications equipment will be op-checked and staged when TCCOR-II is set and will be deployed/secured as directed by the Net Control Station (NCS).

a. The 1st MAW Command and Control Net (WG C2) is the primary net used during typhoons. This net consists of telephones, cellular phones and Motorola hand-held radios.

b. The 1st MAW TDC Net (WG TDC) or MAG-12 Net (MAG-12) are the alternate radio nets that may be activated in support of typhoon recovery. Normally, operators and equipment will only deploy if phone service has been interrupted and connectivity has not been reestablished within one hour of Typhoon Recovery being sounded. Line tests should be conducted by calling the Building 1 duty at 645-3475/3476. If established, these nets will use tactical radios and power.

2. Responsibilities

a. MACG-18 shall:

(1) When directed, install, operate and maintain (IOM) the 1st MAW TDC and the MAG-12 TDR radio nets in support of the 1st MAW Command Duty Officer (CDO) (Building 1, Camp Smedley D. Butler).

(2) Provide backup tactical power for the 1st MAW TDC net base station radio in Room 236 (Building 1, Camp Smedley D. Butler).

(3) When directed, install, operate and maintain the 1st MAW TDC for MWHS-1 (Building 489, Camp Smedley D. Butler).

(4) When directed, install, operate and maintain the 1st MAW TDC net station for the MAG-12 OD, located at MCAAS Iwakuni, Japan.

(5) Be prepared to activate a station on the 1st MAW TDC net.

b. MAG-36 Shall: Be prepared to operate as a station on both the 1st MAW C2 and 1st MAW TDC radio nets per Figure 7-1 and be prepared to assume NCS responsibilities for the 1st MAW CDO in the event of a catastrophic failure of communication equipment at Building 1, Camp Smedley D. Butler.

c. MWSG-17 shall:

(1) Be prepared to operate as a station on both the 1st MAW C2 and the 1st MAW TDC nets.

(2) When directed, install, operate and maintain the 1st MAW TDC net for MAG-36 (Building 539, MCAS Futenma).

d. MWHS-1 shall be prepared to activate a station on the 1st MAW TDC net as directed by the 1st MAW CDO.

e. Principal Wing staff officers identified in Figure 7-1 will monitor the 1st MAW C2 net as directed in paragraph 1 of this Chapter.

SOP FOR DESTRUCTIVE WEATHER

LEGEND

C - NCS
AC - ALT NCS
X - GUARD
W - WHEN DIRECTED

FREQUENCY

1ST MAW C2 Net F-1 Primary
F-2 Secondary
1ST MAW TDC NET 36.85 Primary
37.50 Secondary
MAG-12 TDR Net 12221.0 Primary *
8054.0 Secondary *

* Note all frequencies are Window Freqs.

ACTIVITY	CALL SIGN	1ST MAW C2	1ST MAW TDC	MAG-12 TDR
Wing COC	Blade Base	C	C	C
Wing CDO	Blade Duty	X		
CG	Blade	X		
G-1	Blade-1		X	
G-2	Blade-2		X	
G-3	Blade-3		X	
G-4	Blade-4		X	
AWC	Blade-5		X	
COS	Blade-7		X	
G-6	Blade-10		X	
DWO	Blade-11		X	
MWHS-1	Blade-99		X	W
MWSG-17	Blade-17		X	W
MACG-18	Blade-18		X	W
MAG-36	Blade-36		AC	AC
MAG-12	Blade-12			W
ALD	Blade-41		X	
Wing Med O	Blade-88		X	
MWLK	Blade-91		X	

Figure 7-1.--Communication Nets

SOP FOR NATURAL DISASTERS

CHAPTER 8

DEPLOYED/OFF-ISLAND UNIT GUIDANCE

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SOP FOR DESTRUCTIVE WEATHER

CHAPTER 8

DEPLOYED/OFF-ISLAND UNIT GUIDANCE

8000. GENERAL. Deployed units will follow this Order as applicable and the local tropical cyclone manual as required.

8001. MARINE CORPS AIR STATION IWAKUNI. Units deployed to MCAS Iwakuni will follow MCAS Iwakuni Order P3140.3 and appropriate portions of chapters 5 and 6 of this Order. Point of contact is MCAS, Iwakuni Ops Dept at DSN 253-5501.

8002. CAMP FUJI

1. Headquarters Battalion.

a. Promulgate a tropical cyclone SOP.

b. The TCCOR set by 18th Wing for Okinawa based units does NOT apply to Camp Fuji. Per reference (a), TCCOR Authority for Camp Fuji is USFJ. In order to keep service components informed, USFJ, J34 (Joint Operations Center, DSN 225-2451/2466) will pass a TCCOR for the Kanto Plain to AC/S, G-3 MCB Camp Butler (working hours) or to the BWOOD/TWO (after hours/TCCOR-1). The current TCCOR received from USFJ will be relayed to the Operations Section, Camp Fuji at DSN 265-5343/5344. Camp Fuji confirmation of TCCOR will be relayed to USFJ by the BWOOD/TWO.

2. Camp Fuji Units. Units at Camp Fuji will be guided by United States Forces, Japan Instruction 32-1 and Camp Fuji Order P3000.1. Point of contact is the Operations Section at DSN 265-5343/5344.

8003. SEVENTH FLEET DEPLOYMENT. Marine units deployed with the Seventh Fleet will be guided by the current edition of Commander, Third Fleet/Commander, Seventh Fleet Operations Order 201 Annex H. Point of contact is Commander, Amphibious Group One, Meteorology N-36, White Beach at 631-2397/2205.

SOP FOR DESTRUCTIVE WEATHER

CHAPTER 9

INSTRUCTIONS FOR 3D MARINE DIVISION UNITS

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SOP FOR DESTRUCTIVE WEATHER

CHAPTER 9

INSTRUCTIONS FOR 3D MARINE DIVISION UNITS

9000. GENERAL. This chapter outlines guidance and instructions unique to 3d Marine Division commands. It provides clarification of the roles Division units play in the support of the individual Camp Commanders and Marine Corps Bases, Japan.

9001. RESPONSIBILITIES. The following actions will be initiated upon the establishment of the designated tropical cyclone conditions.

1. TCCOR-IV. All Division subordinate commands and general staff sections will comply with the procedures as written in this Order. Sections 2000 and 2001 have the pertinent instructions units will follow prior to the typhoon season when in TCCOR-IV.

2. TCCOR-III

a. AC/S, G-3

(1) Notify NTA of TCCOR-III and prepare to evacuate personnel if considered necessary.

(2) Prepare to secure personnel and equipment from field training operations.

(3) Advise the AC/S, G-4 of ground transportation requirements at the earliest opportunity.

b. AC/S, G-4

(1) Coordinate the management of Division assets for support of the CG, MCB, Camp Smedley D. Butler or camp/station commanders, in accordance with reference (b).

(2) Advise and assist the command duty officer as required.

(3) Be prepared to augment the camps with mobile electric power when MCB, Camp Smedley D. Butler has insufficient assets.

b. Commanding Officers. Be prepared to provide personnel, equipment and communications support per reference (b).

(1) Definition. Commanding Officers are defined as the commanders of Regiments, Battalions and other units whose Battalion/Regimental headquarters are not located on the camp where they are located (i.e. Truck Company, HQBN).

(2) Immediately upon establishment of TCCOR-II, Commanding Officers of those Division units tasked in reference (b) will commence an evaluation of unit ability to provide such support in the event that TCCOR-II is established.

(3) Potential shortfalls in designated personnel or equipment support are to be identified initially to the respective camp/station commander/agency to be supported for confirmation of a need for such support in the event that TCCOR-II is established.

(4) Specific outstanding support shortfalls will be identified to the Division staff section listed below:

<u>SHORTFALL CATEGORY</u>	<u>COGNIZANT DIV STAFF SECTION</u>
Motor Transport assets/operators	G-4, Motor Transport Section
Engr assets/operators	G-4, Engineer Section
Comm-Elect assists/operators	G-6
Personnel (other than associated with equipment/operators)	G-1

(5) Commanding officers tasked with providing support in reference (b) will contact the AC/S, G-4 if unable to provide such support, and describe action underway to address shortfalls.

(6) Commanding Officers will establish communications with their respective camp CDCOC net.

d. Officer in Charge, NTA.

(1) Submit a situation report to Div G-3 upon the setting of TCCOR-III with the following information.

(a) Number of personnel in training at NTA.

(b) Number of NTA base camp personnel.

(c) Number of personnel for whom adequate shelter cannot be provided.

(d) Other pertinent information.

(2) Monitor the appropriate radio nets per Chapter 5, Figure 5-1.

3. TCCOR-II

a. AC/S, G-3. Secure all field training.

b. Commanding Officers. Post command duty officer or officer of the day. Prepare tactical vehicles, not required for essential business, for storm conditions. Park vehicles to provide maximum protection. Remove all canvas from vehicles. Ensure fuel tanks are topped off and levels remain at minimum of one-half full.

4. TCCOR-I. All commands and general staff sections will be prepared to execute DC measures in readiness for TCCOR-IC.

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5. TCCOR-IC. Maintain section watches during TCCOR-I (caution and emergency) if operational requirements so dictate. General staff officers will arrange to review the morning message board daily if safety permits.

6. TCCOR-IE. All instructions contained in paragraph 2006 apply. All personnel will wear helmets and flak jackets when outdoors.

7. TCCOR-IR. All instructions contained in paragraph 2006 apply.

8. TCCOR-SW. All instructions contained in paragraph 2006 apply.

9002. COMMUNICATIONS. The primary means of communication is the existing Base telephone system with radios as a back up. Commanding Officers will establish communications with their respective camp CDCOC net.

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CHAPTER 10

TSUNAMI (TIDAL WAVE) PROCEDURES

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CHAPTER 10

TSUNAMI (TIDAL WAVE) PROCEDURES

10000. GENERAL. This chapter outlines guidance and instructions to be used during Tsunami threat to Okinawa. It provides warning and notification procedures, responsibilities, and reports.

10001. DISCRIPTION. Tsunamis, also known as tidal waves, are long period waves generated by an underwater earthquake or volcanic activity. Particularly vulnerable areas on Okinawa include the bottom four floors of the Kinser Towers, the Foster Commissary, Lester Naval Hospital, Lester Middle School, Old Lester Housing, and all occupied buildings below Street on Camp Foster.

10002. TSUNAMI PLANNING AND PREPARATION.

1. Responsibilities:

a. MCBJ AC/S G-3:

(1) Responsible for development and maintenance of the USMC tsunami planning effort for MCBJ.

(2) Exercise tsunami warning and notification procedures annually.

b. MCBJ AC/S G-4:

(1) Ensure reference (b) provides adequate equipment and personnel in support of tsunami relief operations.

d. MCBJ AC/S G-6:

(1) Be prepared to make available all non-mission critical G6 Communications assets for support of recovery operations.

(2) Coordinate with IIIMEF, as required, for tactical communications support of restoration operations.

(3) Be prepared to provide personnel as radio operators for the Base Damage Control Operations Center.

(4) Be prepared to provide Comm-Elec maintenance teams for restoration of critical communications outages, should any occur.

e. MCBJ FE Division:

(1) Assist Camp/Station commanders in identifying Tsunami Safe Haven Sites on their respective Camps/Stations that are 100 feet above sea level if possible.

(2) Assist Camp/Station commanders in identifying all high occupancy buildings located less than 30 feet above sea level.

f. MCBJ PAO:

(1) Assist Camp/Station commanders in educating their residents via routine broadcasts of immediate actions to be taken upon receipt of a tsunami warning, vulnerable areas, and important facts

g. MCBJ MCCA:

(1) Utilize Channel 7 to immediately disseminate information on Tsunami Warnings and evacuation information.

h. MCBJ PMO:

(1) Assist Camp/Station commanders in establishing Tsunami Evacuation Routes for all high occupancy buildings located less than 30 feet above sea level.

(2) Provide continuous patrol/enforcement.

(3) Test warning and notification procedures.

i. Camp/Station Commanders:

(1) Identify Tsunami Safe Haven Sites on your respective Camps/Stations that are 100 feet above sea level if possible. If not, Tsunami Safe Haven Sites should be located on ground as high as possible but not less than 30 feet above sea level.

(2) Keep tenant units and residents informed of Tsunami Safe Haven Sites on your respective Camps/Stations.

(3) Ensure Tsunami Evacuation Routes and Safe Haven locations are designated and posted in all high occupancy buildings located less than 30 feet above sea level.

(4) Coordinate with PMO to establish notification procedures of all tenant units that occupy facilities below 30 feet above sea level.

(5) Coordinate relief efforts after a Tsunami as required.

j. USNH Hospital, Camp Lester:

(1) Identify Tsunami Safe Haven Sites and establish procedures to maintain operations in the event a tsunami hits the hospital.

10003. WARNING AND NOTIFICATION PROCEDURES.

1. Due to the speed and tremendous force posed by a Tsunami, warning and notification procedures must be developed and exercised at least annually.
2. The Japan Meteorological Agency (JMA) is responsible for issuing tsunami forecasts for Japan, to include its territories (which includes Okinawa). The JMA tsunami forecasts are divided into 66 regions roughly organized by prefecture. Okinawa is in Region 800, MCAS Iwakuni is in Region 570, and Camp Fuji is not susceptible to Tsunami. The approximate time from earthquake occurrence to tsunami warning issuance is 10 minutes. Warnings will generally give up to one hour lead time before the tsunami hits, depending on the location of the earthquake.
3. The JMA will disseminate tsunami warnings to the 374 OSS/OSW, Yokota Base Weather Flight.
4. Upon notification, 374 OSS/OSW, Yokota Base Weather Flight will pass the tsunami warning to the USFJ JOC and the 18th Wing Weather Flight located at Kadena Air Base.
5. Upon notification, the USFJ JOC will pass the tsunami warning to the III MEF Command Center and MCB AC/S G-3 (during working hours), and the B/WOOD (after working hours) via their established tsunami warning conference call. This is our primary means of receiving tsunami warnings.
6. Additionally, the 18th Weather Flight will pass tsunami warnings to the III MEF Command Center, MCB AC/S G-3 (during working hours), and the BWOOD (after working hours).
7. Upon receipt of a tsunami warning notification MCB AC/S G-3 (during working hours), and/or the BWOOD (after working hours) will:
 - a. Notify all Key Personnel and all Camps/Stations using the established typhoon warning conference call IAW figure 2-2 of this order. Pass forecasted time, place, and wave height of the tsunami.
 - b. Notify all stations of the approaching tsunami on the BDCOC radio net.
 - c. Telephonically notify any camps/stations not contacted via the conference call or on the BDCOC radio net.
 - d. Release an Immediate Flash Message to all USMC units on Okinawa that includes forecasted time, place, and wave height of the tsunami.

8. Upon receipt of a tsunami warning notification, the III MEF Command Center will:

a. Notify all Key Personnel and all MSC's using an established conference call system. Pass forecasted time, place, and wave height of the tsunami.

b. Telephonically notify any MSC's not contacted via the conference call.

c. Release an Immediate Flash Message to all USMC units on Okinawa that includes forecasted time, place, and wave height of the tsunami.

9. Upon receipt of a tsunami warning notification, all MCB Fire Departments and PMO will:

a. Announce the approaching tsunami via all available loud speaker systems saturating Red Areas first.

b. Immediately assist Camp Commanders in the evacuation of Red Areas to established Tsunami Safe Havens.

10. Upon receipt of a tsunami warning notification, MCCA will:

a. Utilize Channel 7 to continue to disseminate information on Tsunami Safe Havens and evacuation information.

11. Upon receipt of a tsunami warning notification, MCB G-6 will:

(4) Coordinate with PMO to establish notification procedures of all tenant units that occupy facilities below 30 feet above sea level.

(5) Coordinate relief efforts after a Tsunami as required.

a. Send a Wide Area Network announcement to all MCB Camp Butler domain users and Tenant organizations announcing the tsunami warning and Tsunami Safe Haven information for each Camp/Station.

b. Provide radio operators for the Base Damage COC.

c. Identify and prepare all available, non-mission critical, communications assets for use during restoration operations.

d. Perform detailed coordination with IIIMEF for tactical communications support of restoration operations as required.

12. Upon receipt of a tsunami warning notification, Camp/Station Commanders will:

a. Coordinate the evacuation of personnel from Red and Yellow Areas to Tsunami Safe Havens as rapidly as possible.

13. Upon receipt of a tsunami warning notification, USNH Hospital, Camp Lester will:

a. Execute procedures to maintain operations in the event a tsunami hits the hospital.

10004. RESPONSIBILITIES DURING AND AFTER TSUNAMI.

1. After the tsunami warning is passed to all units and key personnel MCB AC/S G-3 (during working hours), and/or the BWOOD (after working hours) will:

a. Activate the Base Damage COC IAW Chapter 3 of this order to coordinate and direct all relief activities.

2. After the tsunami has hit, the III MEF will:

a. Provide personnel and equipment as designated in reference (b).

3. After the tsunami has hit, MCBJ FE will:

a. Activate the MOC IAW Chapter 3 of this order to coordinate and direct all relief activities.

4. After the tsunami has hit, PMO will:

a. Assist in relief activities.

b. Patrol and enforce the provisions of this order.

5. After the tsunami has hit, MCB G-6 will:

a. Activate the Base Comm-Elec Maintenance Teams IAW Chapter 3 of this order.

b. Assist the Base Damage COC, and Camp/Station commanders by providing Wide Area Network announcements to MCB domain users and Tenant organizations as required.

6. After the tsunami has hit, Camp/Station Commanders will:

a. Activate the respective CDCOC's IAW Chapter 3 of this order to coordinate and direct all relief activities.

b. Activate and assume operational control of respective recon/rescue teams and heavy equipment teams IAW Chapter 3 of this order.

7. USNH Hospital, Camp Lester will:

a. Provide services as defined in Chapter 3 of this order.

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APPENDIX A

DESTRUCTIVE WEATHER RATION PROCEDURES

1. These instructions are to provide support to enlisted personnel residing in BEQs during typhoons or other periods of destructive weather/natural disasters.

a. Marine Corps mess halls on Okinawa are considered essential services during typhoons and, therefore, will remain open up to and including TCCOR-1E. Camp/Station Commanders may make the determination to close garrison mess halls before TCCOR-1E by considering information provided by the 18th Weather Flight at Kadena Air Base, the American Forces Network (AFN) Okinawa and local (camp/station) wind conditions.

b. Camp Commanders are authorized to request MREs once TC 2 is entered. This provides a 24 hour window of opportunity to pre-stage MREs at the designated locations prior to experiencing winds of 50Kts or higher. Whether or not MREs are pre-staged, messhalls will remain operational up to and including TC 1E. However, based on official weather forecasts and local factors, Camp/Station commanders are authorized to close there messhalls once TC 1E is sounded. THE SAFETY OF OUR MARINES AND SAILORS IS THE PARAMOUNT CONSIDERATION IN DETERMINING WHETHER MRE'S ARE SUBSTITUTED AS THE GARRISON FEEDING PLAN.

c. When MREs become necessary, Camp Commanders will coordinate issuing MREs to unit/tenant organizations based on three (3) meals per barracks/shelter occupant. Issuing a ration (3 MREs) provides each unit with subsistence for a 24 hour period, which should allow sufficient time for TC 1E to subside. Once MREs are issued they will be accounted for in accordance with MCO P10110.40. In the event the storm persists, subsequent deliveries of MREs will be coordinated between Camp/Station Commanders and 3d FSSG, MRB, Rations Plt.

d. To preclude mess hall closure, Camp/Station Commanders are encouraged to consider the following feeding options:

- (1) Hot meals at the mess hall.
- (2) Utility outage menu contained in the MCB Master Menu served at the mess halls.
- (3) Hot meals delivered to the BEQs in Food Containers using emergency vehicles.
- (4) Box meals delivered to the BEQs.
- (5) MREs as a last resort.

e. When and if regularly scheduled mess hall service is interrupted during a typhoon, active duty enlisted personnel are only authorized prorated subsistence if MRE's are not available.

f. Destructive weather rations will be obtained from normal III MEF training ration assets located at 3rd FSSG, Rations Platoon warehouse (Bldg 300) located at Camp Kinser.

2. Responsibilities:

a. Marine Corps Base Food Service Officer (BFSO):

(1) Coordinate with the III MEF Food Service Officer all funding issues related to use and replenishment of III MEF training ration assets in support of camp/station destructive weather rations.

(2) Assist with mess hall damage assessment and possible reopening date.

(3) Assist where needed (subsistence, equipment, materials, supplies, etc) to expedite the reopening of garrison mess halls or support of a modified menu.

b. III MEF Food Service Officer (III MEF FSO):

(1) Be prepared to provide destructive weather rations from III MEF MRE training assets.

(2) Additional funding to replace destructive weather rations used under this situation.

c. Camp/Station Commanders:

(1) Determine individual camp/station distribution sites that are suited for rations distribution.

(2) Determine alternative distribution sites suitable to conduct distribution operations should primary distribution sites become damaged.

(3) As part of each respective camp/station standard destructive weather plan, determine and coordinate the quantity of destructive weather rations required for delivery.

→ (4) Notify 3rd FSSG, AC/S, G-3 (MSSE) of the location of the primary and alternate distribution sites for prompt delivery of rations (NLT 1 June of each year).

(5) Establish within camp/station destructive weather plans an up-to-date tenant unit roster of personnel authorized to receive from distribution sites.

(6) Issue destructive weather rations to unit representatives for all enlisted personnel located in unit BEQs and officer personnel in Bachelor Officer Quarters (BOQs) only in the event BOQs are damaged and/or lose electrical service. If necessary, officers may purchase destructive weather rations (per applicable orders/directives).

(7) Account for all rations issued from each camp distribution site.

(8) Coordinate internal camp/station distribution of rations.

(9) Coordinate and monitor repair of damaged mess halls to expedite reopening.

(10) Coordinate the return of unused (unopened) rations from all tenant unit/BEQ representatives back to the distribution site within five working days of the mess hall(s) resuming operations.

(11) Accept only unopened boxes (cases) of rations for subsequent turn-in. All other rations (open boxes) should be considered consumed.

(12) Coordinate with 3rd FSSG for the retrieval and return of unused destructive weather rations.

d. FSSG AC/S, G-3/MSSE

(1) Once notification has been received from a Camp/Station Commander for destructive weather rations support under these provisions, prepare destructive weather rations for transportation to each respective camp/station requesting support.

(2) Destructive weather rations will only be issued to those camps/stations requesting support.

(3) Before transportation of rations, ensure all appropriate ration data is recorded, such as, quantity, date of pack, inspection test date, etc.

(4) Provide personnel and vehicle assets necessary to support delivery/retrieval of rations to the respective camps/stations.

(5) Transportation of rations will be conducted at the earliest possible time following announcement of safe road passage. Ensure rations are properly protected against the elements during transportation.

(6) Deliver rations to camp/station distribution points as expeditiously as possible.

(7) Coordinate with Camp/Station Commanders for the pick up and return of unused destructive weather rations. Only accept full, unopened boxes of destructive weather rations.

(8) Record and report to III MEF and MCB the total quantity of destructive weather rations (in boxes) used for each destructive weather event.

3. Destructive weather feeding of local nationals MLC employees is authorized under the above conditions.